

ANNEXURE – 10

MANDATORY DISCLOSURE

Norms : As per AICTE, New Delhi, Approval Process Handbook 2022-2023

Update as on **May 2023**

AICTE permanent application ID	1-4011650
AICTE current application ID	1-10997608730

(1)	Name of the Institution	TPCT's Terna Engineering College Nerul
	Address	Plot No. 12, Sector-22, Opposite Railway Station, Nerul (West), Navi Mumbai
	City with Pin code	Mumbai -400 706.
	State / UT	Maharashtra
	Nationality	India
	Type of Institution	Private – Self Financed
	Category (01) of the Institution	Non-minority
	Category (02) of the Institution	Co-education
	Academic hours at the Institution	8.00 am to 7.00 pm
	Office hours at the Institution	9.30 am to 5.00 pm
	FAX number with STD code	022-61115400
	Telephone	022-61115444 (30 Lines)
	E-mail	principal@ternaengg.ac.in
	Website	www.ternaengg.ac.in
	Nearest Railway Station (distance in Kilometre)	Nerul (0.5 km) on west side
	Nearest Airport (distance in Kilometre)	Chhatrapati Shivaji International Airport, Mumbai (45 Kms)

(2)	Name and address of the Trust / Society running the Institution	Terna Public Charitable Trust
	Address	Terna Medical College Campus. 1 st Floor
	City with Pin code	Navi Mumbai-400706
	State / UT	Maharashtra
	National	India
	Type of Trust / Society	Trust
	As per Government of Maharashtra Societies Registration Act XXI of 1860 No & date	Charity Commissioner, Maharashtra State
	Office hours at the Institution	8.00 am to 7.00 pm
	FAX number with STD code	
	Telephone	
	E-mail	ceo@ternatrust.org
	Website	https://ternatrust.org

	Name	Designation
	Dr. Padamsinhaji B. Patil	President

Shri. Ranajagajitsinha Padmasinhaji Patil	Trustee
Shri. Malhar Ranajagajitsinha Patil	Trustee
Shri. Prithviraj Padmasinha Patil	Trustee
Shri. Ashok Vaman Aher	Trustee
Shri. Arvind Janardhan Gore	Secretary
Shri. Balasaheb Bhagwantrao Wagh	Trustee
Shri. Vijendra Vishwanath Chavan	Trustee
Shri. Ashokrao Laxman Shinde	Trustee
Shri. Sandeep Neelkanth Sawant	Trustee
Shri. Satish Satyanarayan Dandnaik	Trustee

(3)	Name of the Principal / Director	Dr.L.K.Ragha
	Designation	Principal
	Qualification	Ph.d(Engg)
	Field of specialization	Electronics & Telecommunication Engineering
	FAX number with STD code	022-61115400
	Telephone	022-61115401
	Mobile	
	E-mail	lkragha@ternaengg.ac.in

(4)	Name of the affiliating University	University of Mumbai, Mumbai
	Address	M. G. Road, Fort Mumbai, Maharashtra, Mumbai Pin code No.400 032.
	FAX number with STD code	
	Telephone	
	e-mail	
	Website	www.mu.ac.in
	Latest affiliation period, Letter No & date	Latest affiliation granted till A.Y. 2022-23 from University of Mumbai.



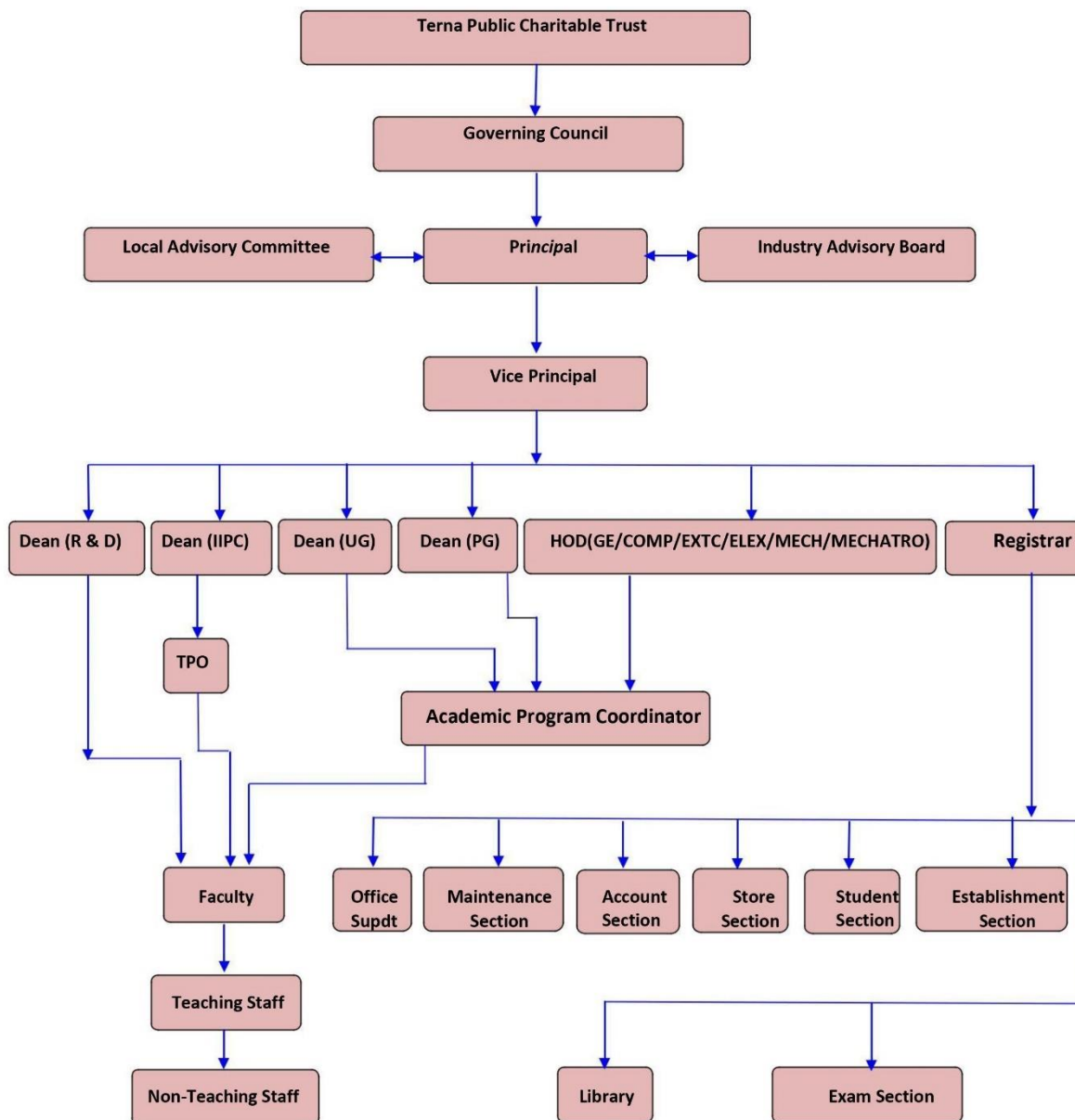
Governing Board Members

Frequency of the meeting – Twice in a year

Name	Designation
Dr. Padmasinhaji B. Patil	Chairman (Chairman of the trust)
Shri. B. B. Wagh	Trustee (Nominee of Management)
Shri. A. V. Aher	EX. GM, Tata Motors (Nominee of Management)
Shri. S. M. Bafna	Industrialist (Nominee of Management)
Shri. P. T. Deshmukh	Cheif Executive Officer (Nominee of Management)
Shri. Prashant Kamat	Founder Director Brick & Byte Technologies Inc
Dr. Ajeet Singh	Regional Officer & Assistant Director, AICTE Mumbai, Ex-Officio Member
Dr. R. R. Deshmukh	Nominee of the university of Mumbai(Academician Nominated by University of Mumbai)
Dr. Vinod Mohitkar	Director of Technical Education, Maharashtra
Dr.Manpreet Singh Manna	Professor, SLIET, Longowal, Panjab Former Director, AICTE, New Delhi
Dr.N.B.Pasalkar	Former Director of Technical Education, Maharashtra
Dr. Seema Biday	Professor (Nominated by Principal)

(5) Governance

Organizational Chart



Grievance Redressal mechanism for Faculty, staff and students-

The Principal, Terna Engineering College hereby constitutes the Faculty / Staff / Students Grievance Redressal Committee in order to redress individual as well as collective grievances of the faculty / staff / students of the institute with the members as follows.

1. Dr. B.G. Hogade - Chairman
Professor, Elec.
2. Prof. R.D.Patane, - Member
HOD, GE
3. Dr. C.M.Choudhary - Member
HOD, Mech.
4. Mr. Manoj Kokate - Member
Management Coordinator,
TEC

Based on a written request, the committee may, at its discretion, invite the aggrieved faculty / staff/ students for a personal hearing. The above Redressal Committee may hold its meeting from time to time as may be necessary. All the representations received by the end of previous month shall be deliberated upon its meetings. The Committee shall give its recommendations in the grievances referred to it within three months time.

Establishment of Anti Ragging Committee

SR	NAME/DESIGNATION	CONTACTNO.
1	DR. L.K RAGHA, PRINCIPAL	9969852599
2	MR. M B LIMKAR, INCHARGE	9223233386
3	MR. A N BARURE, MEMBER	8424027115
4	MR. G S DESHMUKH	9702349509
5	MR. PANKAJ SHELAR	8007650881
6	MRS. VAISHALI KISHAN	8452983079
7	MR. D M BAVKAR, MEMBER	9967314614
8	MR. MAHADEV TRIMUKHE, MEMBER	9004747247
9	MR. KISHOR SHEWALE, NGO	9324477054
10		
11	MR. B L GUPTA, MEDIA	7738892020
12	MR. PRATAP DESHMUKH , PARENT	9324346492
13	MS.SANDALI NAIK, BE-ELECTRONICS	9594577250
14	MR,AYUSH PSNDEY ,BE-MECH	6307871680
15	MS.ISHA SAXENA,FE-STUDENT	9890252799
16	MR.PRATIK DESHMUKH ,FE-STUDENT	9594870450

Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University

The Principal, Terna Engineering College hereby constitutes the Faculty / Staff / Students Grievance Redressal Committee in order to redress individual as well as collective grievances of the faculty / staff / students of the institute with the members as follows.

5. Dr. B.G. Hogade - Chairman
Professor, Elec.
6. Prof. R.D.Patane, - Member
HOD, GE
7. Dr. C.M.Choudhary - Member
HOD, Mech.
8. Mr. Manoj Kokate - Member
Management Coordinator,
TEC

and

1. Dr. B.G. Hogade - Ombudsman
Professor, Elec.

Based on a written request, the committee may, at its discretion, invite the aggrieved faculty / staff/ students for a personal hearing. The above Redressal Committee may hold its meeting from time to time as may be necessary. All the representations received by the end of previous month shall be deliberated upon its meetings. The Committee shall give its recommendations in the grievances referred to it within three months time.

All aggrieved students, their parents & others may thenceforth approach to the Grievance Redressal committee of the Institution in the first instance; and if they are not satisfied with the decision of the Committee, they may send their appeals to the “OMBUDSMAN” directly. The ‘OMBUDSMAN’ shall exercise its powers to hear those grievances and ensure its disposal within one month of the receipt of the appeal.

Internal Quality Assurance Cell (IQAC)

Sr. No	Designation	Name
1	Chairperson	Dr. Lakshmappa Ragma, Head of Institution
2	Administrative Officers	Mr. Manoj Kokate , Management Coordinator Mr. Ganesh Deshmukh, OS 1. Prof. Sambhaji .N.Patil, Faculty GE dept. 2. Dr. Salunkhe Priyanka Vijay, HOD Civil Engineering Dept. 3. Dr. Vrajesh Maheta, Associate Professor, IT Dept. 4. Dr.Raghvendra Upadhyay,Associate Professor, Mechatronics Engineering Dept. 4.Dr. Preeti Zade, Associate professor, GE Dept. 6. Dr. Manmohan Singh Bhatia, Professor, EXTC Dept. 7. Prof. R. D. Patane, HOD GE Dept.
3	Teachers	8. Dr. Jyothi Digge, HOD EXTC Dept. 9. Dr. Seema Biday, HOD CSE Dept. 10. Dr. B. G. Hogade, HOD ELX Dept. 11. Dr. Vaishali Khairnar , HOD IT Dept. 12. . Dr. C. M. Choudhari HOD MECH Dept. 13. . Mr. Vikram Vyavhare, HOD MTRX Dept. 14. Dr. Sandeep Raskar, HOD AIDS Dept. 15. Dr. Sachin Kamble HOD Design (B .Des) Industrial Design (B. Des)
4	Management Representative	Mr. P. T. Deshmukh, CEO, TPCT Mr. A.V. Aher, local society
5	One/two nominee from local society, students and alumni	Mr.Anuj Sawant , TE CSE ,Techninal Secretary,Student Council Mr. Nainak Saha S TE CSE, E-Cell Secretary Mr. Ganesh Mestry, Alumni

Mr. Gaurav Gilani (TCS), Employer

- 6 One/two nominee from Employer/Industrialist/Stakeholders Mr. Prashant Kamat, Industrialist
Mr. Bilal Thakur, (Parent Representative)
- 7 Coordinator IQAC Dr. Shilpa Kharche, Professor, EXTC Dept
- 8 Co-Coordinator IQAC Dr. Varsha Bodade , Professor, IT Dept.

(6) Programmes

Sr No	Name of Programmes approved by AICTE	Programmes Accredited by AICTE	Status of Accreditation of the Courses	Courses for which applied for Accreditation	Status of Accreditation (Preliminary / Applied for SAR and result awaited / Applied for SAR and visits completed / Results of the visits awaited / Rejected / Approval for ... Courses)
1	Electronics Engineering	Yes	Not Applicable	The National Board of Accreditation (NBA) 1 Computer Engineering 2. Electronics Engineering 3. Information Technology Engineering 4. Electronics & Telecommunication Engineering	SAR UPLOADED
2	Electronics & Telecommunication Engineering				
3	Computer Engineering				
4	Information Technology Engineering				
5	Mechanical Engineering				
6	Mechatronics Engineering				
7	Civil Engineering				
8	Artificial Intelligent (AI) & Data Science				
9	Design				
10	Industrial Design				
11	ME –Electronics Engineering				
12	ME –Electronic & Telecommunication Engineering				
13	ME -Computer Engineering				
14	ME – Information Technology Engineering				

For each Programme the following details are to be given:

Sr No	Name of the programmes	No of seats	Dur a- tion	Cut off marks / rank of admission during the last three years	Fee	Placemen t facilities	Campus Placemen t in last three years with
1	Electronics Engineering	60	4 yrs	2019-20 =9.86 2020-21 = 66.44 2021-22 = 61.27 2022-23 = 81.03	130954/-		
2	Electronics & Telecommunication Engineering	120	4 yrs	2019-20 =81.55 2020-21 = 87.63 2021-22 = 82.93 2022-23 = 77.08	130954/-		
3	Computer Engineering	120	4 yrs	2019-20 =95.11 2020-21 = 97.31 2021-22 = 95.63 2022-23 =96.10	130954/-		
4	Information Technology Engineering	60	4 yrs	2019-20 =90.46 2020-21 = 93.09 2021-22 = 89.09 2022-23 = 93.01	130954/-		
5	Mechanical Engineering	120	4 yrs	2019-20 =89.40 2020-21 = 72.57 2021-22 = 68.99 2022-23 = 74.20	130954/-		
6	Mechatronics Engineering	60	4 yrs	2019-20 =91.02 2020-21 = 91.24 2021-22 = 93.97 2022-23 = 76.56	130954/-		
7	Civil Engineering	60	4 yrs	2019-20 =79.47 2020-21 = 94.34 2021-22 = 84.56 2022-23 = 75.18	130954/-		
8	Artificial Intelligent (AI) & Data Science	60	4 yrs	2019-20 = 2020-21 = 2021-22 = 93.49 2022-23 = 92.21	130954/-		
9	Computer Engineering (Second Shift)	60	4 yrs	2019-20 = 92.15 2020-21 = 90.70 2021-22 = 2022-23 =	120954/-		
10	Design	30	4 yrs	2019-20 = 2020-21 = 2021-22 = 2022-23 = 118	100000/-		
11	Industrial Design	30	4 yrs	2019-20 = 2020-21 = 2021-22 = 2022-23 =	100000/-		
12	ME –Electronics Engineering	18	2 yrs	2019-20 = 52.79 2020-21 = 6.33 2021-22 = 2022-23 =	54000/-		
13	ME – Electronic & Telecommunication Engineering	18	2 yrs	2019-20 = 2020-21 = 63.62 2021-22 = 10.67 2022-23 =	54000/-		
14	ME -Computer Engineering	18	2 yrs	2019-20 = 18.33 2020-21 =69.67 2021-22 = 15.05 2022-23 =	54000/-		
15	ME – Information Technology Engineering	18	2 yrs	2019-20 = 70.7 2020-21 = 76.01 2021-22 = 259 2022-23 =	54000/-		

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* Total CET score, ** Total percentile of CET & JEE

7. Faculty

Sr.No	Name of Programme	Name of the Faculty Members	Degnation	Nature of Appointment
1	Electronics Engineering	DR. RAGHA LAKSHMAPPA KRISHNAPPA	Prinicipal	Approved
2	Computer Engineering	DR. BIDAY SEEMA CHANDRSHEKHAR	Professor	Selected
3	Computer Engineering	DR. SALUNKHE SATISH SAMPATRAO	Professor	Selected
4	Computer Engineering	MATHUR RAVI RAJENDRANATH	Professor Adjunct Faculty	Adjunct Faculty
5	Computer Engineering	CHITRE DNYANOBA KHANDU	Associate Professor	Approved
6	Computer Engineering	GAIKWAD VISHWAJIT BALASO	Associate Professor	Approved
7	Computer Engineering	PALVE ROHINI DHARMANATH	Associate Professor	Approved
8	Computer Engineering	DR. SIDDHARTH HARIHARAN	Associate Professor	Consolidated
9	Computer Engineering	SHAHABADE RAMESH VISHWANATH	Assistant Professor	Approved
10	Computer Engineering	PATIL ROHINI ANANT	Assistant Professor	Approved
11	Computer Engineering	GAIKWAD UJWALA VISHWAJIT	Assistant Professor	Approved
12	Computer Engineering	MATE PRAMILA BHASKARRAO	Assistant Professor	Approved
13	Computer Engineering	BAVKAR DNYANESHWAR MADHUKAR	Assistant Professor	Approved
14	Computer Engineering	SAKURE KISHOR SHAMRAO	Assistant Professor	Selected
15	Computer Engineering	HOLE PRAVIN BASAVRAJ	Assistant Professor	Selected
16	Computer Engineering	MISALE MOHINI DEVCHAND	Assistant Professor	Selected
17	Computer Engineering	MULE SOMNATH SHAMRAO	Assistant Professor	Consolidated
18	Computer Engineering	SHERKHANE PRIYANKA PRABHAKAR	Assistant Professor	Consolidated
19	Computer Engineering	SURYAWANSHI KIRTI MANOJ	Assistant Professor	Consolidated
20	Computer Engineering	JADHAV PRADNYA PRABHAKAR	Assistant Professor	Consolidated
21	Computer Engineering	PATIL PREETI SHIVRAJ	Assistant Professor	Consolidated
22	Computer Engineering	CHAUDHARI MINAL RAHUL	Assistant Professor	Consolidated
23	Computer Engineering	DHAWALE DHANASHRI MARUTI	Assistant Professor	Consolidated
24	Computer Engineering	SMRUTHY C.S.	Assistant Professor	Consolidated

25	Computer Engineering	DAFALE DNYANADA NARSINGRAO	Assistant Professor	Consolidated
26	Computer Engineering	SINGH POOJA	Assistant Professor	Consolidated
27	Computer Engineering	RATHI SUSHMA	Assistant Professor	Consolidated
28	Computer Engineering	PATIL SUMEDHA DNYANESHWAR	Assistant Professor	Consolidated
29	Computer Engineering	SAYYED SAIMA ZAHID HUSSAIN	Assistant Professor	Consolidated
30	Computer Engineering	JAGTAP TEJASWITA KISHOR	Adjunct Faculty	Adjunct Faculty
31	Computer Engineering	DHAMELE SONALI JAIDEEP	Adjunct Faculty	Adjunct Faculty
33	Information Technology	DR. KHAIRNAR VAISHALI DINESH	Professor	Selected
34	Information Technology	DR. BODADE VARSHA HEMANTKUMAR	Professor	Selected
35	Information Technology	DR. MAHETA VRAJESH	Associate Professor	Consolidated
36	Information Technology	DR. KADROLI VIJAYALAXMI PRABHUKUMAR	Associate Professor	Approved
37	Information Technology	DESHMUKH SMITA SUDHAKARRAO	Assistant Professor	Approved
38	Information Technology	DR. KADU SUJATA RAJESH	Assistant Professor	Approved
39	Information Technology	PAI SMITA AMOL	Assistant Professor	Approved
40	Information Technology	ARGADE DAKSHATA BALSHIRAM	Assistant Professor	Approved
41	Information Technology	BOKEFODE SHUDHODHAN BALBHIM	Assistant Professor	Selected
42	Information Technology	CHIMANKARE RENUKA VINOD	Assistant Professor	Temp. Continues
43	Information Technology	SAFIA SADRUDDIN	Assistant Professor	Consolidated
44	Information Technology	MAGAR SHAYAMSUNDAR PRALHADRAO	Assistant Professor	Consolidated
45	Information Technology	PATIL PREETI ASHISH	Assistant Professor	Consolidated
46	Information Technology	GOVIND KANKATH KRISHNAN NAIR	Asst Prof. Adjunct Faculty	Adjunct Faculty
47	Artificial Intelligence (AI) & Data Science	DR. RASKAR SANDEEP BALU	Associate Professor	Consolidated
48	Artificial Intelligence (AI) & Data Science	NARKHEDE SAYALEE JAGANNATH	Assistant Professor	Consolidated
49	Artificial Intelligence (AI) & Data Science	MAHAMUNE ANKITA ANIL	Assistant Professor	Consolidated
50	Electronics and Telecommunication Engineering	DR. DIGGE JYOTHI JAYARAJ	Professor	Selected
51	Electronics and Telecommunication Engineering	DR. GUPTA RAJIV KUMAR	Professor	Approved

52	Electronics and Telecommunication Engineering	DR. MANMOHAN SINGH BHATIA	Professor	Consolidated
53	Electronics and Telecommunication Engineering	DR. KHARCHE SHILPA UDAY	Professor	Selected
54	Electronics and Telecommunication Engineering	SHELKIKAR RAVINDRA PRALAHADRAO	Associate Professor	Temp. Continues
55	Electronics and Telecommunication Engineering	DR. TRIMUKHE MAHADU ANNARAO	Associate Professor	Approved
56	Electronics and Telecommunication Engineering	KADAM MAHESH MURLIDHAR	Assistant Professor	Approved
57	Electronics and Telecommunication Engineering	DERE PRAVIN UTTAMRAO	Assistant Professor	Approved
58	Electronics and Telecommunication Engineering	CHEDE VINODKUMAR SUKHDEORAO	Assistant Professor	Approved
59	Electronics and Telecommunication Engineering	SHEKOKAR RUPALI NARENDRA	Assistant Professor	Approved
60	Electronics and Telecommunication Engineering	MOON VILAS NATHAJI	Assistant Professor	Approved
61	Electronics and Telecommunication Engineering	KURULE DEEPAK SHANKARRAO	Assistant Professor	Approved
62	Electronics and Telecommunication Engineering	KOLI VIRENDRA RAMESH	Assistant Professor	Approved
63	Electronics and Telecommunication Engineering	KADAM ATUL SHIVAJRAO	Assistant Professor	Selected
64	Electronics and Telecommunication Engineering	MANE ASHOK PUNDLIK	Assistant Professor	Temp. Continues
65	Electronics and Telecommunication Engineering	ROCHKARI ANJALI DURGADAS	Assistant Professor	Consolidated
66	Electronics and Telecommunication Engineering	YADAV VIJAYPAL RAJANSINGH	Assistant Professor	Consolidated
67	Electronics and Telecommunication Engineering	TEJPAL SAURABH AVINASH	Assistant Professor	Consolidated
68	Electronics and Telecommunication Engineering	DR. PANDIT VAIBHAV RAVIKIRAN	Assistant Professor	Consolidated
69	Electronics Engineering	DR. HOGADE BALAJI GUNDAPPA	Professor	Approved
70	Electronics Engineering	LIMKAR MARUTI BHIMRAO	Assistant Professor	Approved
71	Electronics Engineering	GORDE KANCHAN SUDHIR	Assistant Professor	Approved
72	Electronics Engineering	KADAM SHAILAJA MAHESH	Assistant Professor	Approved
73	Electronics Engineering	WAGHMARE RAOSAHEB BHIMRAO	Assistant Professor	Approved
74	Electronics Engineering	KAMBLE PRACHI CHANDRAKANT	Assistant Professor	Selected
75	Electronics Engineering	DESHMUKH AMIT ARJUN	Assistant Professor	Selected

76	Electronics Engineering	PANDE VARSHA ANIL	Assistant Professor	Temp. Continues
77	Electronics Engineering	THORAT RUPALI ROHIDAS	Assistant Professor	Temp. Continues
78	General Engineering	PATANE RAMLING DNYANDEV	Associate Professor	Approved
79	General Engineering	MATE ASHOK ATMARAM	Associate Professor	Approved
80	General Engineering	DR. ZADE PREETI SANDEEP	Associate Professor	Selected
81	General Engineering	DR. YEMPALLE GEETANJALI NAGNATH	Associate Professor	Selected
82	General Engineering	GHR DNYANOBA VISHWANATH	Assistant Professor	Approved
83	General Engineering	RATHORE KUSUM KUMARI	Assistant Professor	Approved
84	General Engineering	PATIL SAMBHAJI NARAYAN	Assistant Professor	Approved
85	General Engineering	DHUMALE SUNITA PRATAPRAO	Assistant Professor	Approved
86	General Engineering	JAGTAP ASHOK MAHADEO	Assistant Professor	Approved
87	General Engineering	PATIL SHRINIVAS NARAYAN	Assistant Professor	Approved
88	General Engineering	CHAUDHARI VIJAYKUMAR SHANKARRAO	Assistant Professor	Selected
89	General Engineering	OHAL RATAN SAMPATRAO	Assistant Professor	Selected
90	General Engineering	KSHIRSAGAR MANOJ NEMINATH	Assistant Professor	Selected
91	General Engineering	DR. AROLKAR GAUREE ANANT	Assistant Professor	Selected
92	General Engineering	SHEWALE JITESH JAGADISH	Assistant Professor	Selected
93	General Engineering	KAWTHEKAR ANANDI SHRIPAD	Assistant Professor	Temp. Continues
94	General Engineering	KULKARNI ANURADHA RAMESH	Assistant Professor	Temp. Continues
95	General Engineering	BARURE ANTESHWAR NAMDEVRAO	Assistant Professor	Temp. Continues
96	General Engineering	DESHMUKH BIBHISHAN PANDURANG	Assistant Professor	Temp. Continues
97	General Engineering	SONTH MEENAKSHI PRAKASH	Assistant Professor	Temp. Continues
98	General Engineering	SIRSATH SAMBHAJI MAHADEV	Assistant Professor	Consolidated
99	General Engineering	DR. RUNMONI GOGOI	Assistant Professor	Consolidated
100	General Engineering	DR. SHAIKH TAISEEN HAMID	Assistant Professor	Consolidated
101	General Engineering	DR. MUNDHE BALAJI CHINTAMAN	Assistant Professor	Consolidated
102	General Engineering	JADHAV ABHISHEK HARISHCHANDRA	Adjunct Faculty	Adjunct Faculty
103	General Engineering	SINGH AJITPRATAP KAMTA	Adjunct Faculty	Adjunct Faculty
104	General Engineering	GANGULY AVISHEK RAJAGOPAL	Adjunct Faculty	Adjunct Faculty
105	General Engineering	RATHORE REKHA	Adjunct Faculty	Adjunct Faculty

106	General Engineering	DIWAN AMRUTA VIJAY	Adjunct Faculty	Adjunct Faculty
107	General Engineering	KOLHE KIRAN BALASAHEB	Adjunct Faculty	Adjunct Faculty
108	General Engineering	KEWLANI PRIYANKA HITESH	Adjunct Faculty	Adjunct Faculty
109	General Engineering	HANDE AMARJA RAMESH	Adjunct Faculty	Adjunct Faculty
110	General Engineering	MADDALA NARAYANA PAPA RAO	Adjunct Faculty	Adjunct Faculty
111	Mechanical Engineering	DR. CHOUDHARI CHANDRASHEKHAR MURLIDHAR	Professor	Selected
112	Mechanical Engineering	DR. JAWARE RAJESH RAMBHAU	Professor	Consolidated
113	Mechanical Engineering	AWATE KIRAN AMBARISH	Assistant Professor	Temp. Continues
114	Mechanical Engineering	WALUNJ SULEKHA TUSHER	Assistant Professor	Selected
115	Mechanical Engineering	BEMBDE MAYUR SHRIHARI	Assistant Professor	Selected
116	Mechanical Engineering	KAVRE MAHESH SHIVAJI	Assistant Professor	Selected
117	Mechanical Engineering	BHOYE LALIT SURESH	Assistant Professor	Selected
118	Mechanical Engineering	BARGAT SHARAD PANDURANG	Assistant Professor	Selected
119	Mechanical Engineering	DESHMUKH CHETAN NARAYANRAO	Assistant Professor	Consolidated
120	Mechanical Engineering	SHINGARE ASHUTOSH SHAHAJI	Assistant Professor	Consolidated
121	Mechanical Engineering	WAGH VAISHNAVKUMAR BALU	Assistant Professor	Consolidated
122	Mechanical Engineering	NALAWADE MANGESH SHANKAR	Assistant Professor	Consolidated
123	Mechanical Engineering	JAGIRDAR SAYED FARAZ YAZDANI	Assistant Professor	Consolidated
124	Mechanical Engineering	AJMIRE VAIBHAV ASHOKRAO	Assistant Professor	Consolidated
125	Mechanical Engineering	MULE BANDU ARVIND	Assistant Professor	Consolidated
126	Mechanical Engineering	AKHTAR TAHSIN ABDUL MANNAN	Assistant Professor	Consolidated
127	Mechatronics Engineering	VYAWAHARE VIKRAM SHIRIKANT	Assistant Professor	Selected
128	Mechatronics Engineering	DR. RAGHVENDRA SHRAVAN UPADHYAY	Associate Professor	Consolidated
129	Mechatronics Engineering	CHATE ABHIJIT SAMPAT	Assistant Professor	Selected
130	Mechatronics Engineering	SHINDE DATTATRAYA BHANUDAS	Assistant Professor	Selected
131	Mechatronics Engineering	PATIL TEKALE RAJKUMAR ASHOK	Assistant Professor	Selected
132	Mechatronics Engineering	WALANJ VRISHALI ARUN	Assistant Professor	Selected
133	Mechatronics Engineering	KULKARNI RAHUL DILIPRAO	Assistant Professor	Temp. Continues
134	Mechatronics	SHELAR PANKAJ	Assistant	Consolidated

	Engineering	RANGNATH	Professor	
135	Mechatronics Engineering	SAWANT SUSHANT SATISH	Adjunct Faculty	Adjunct Faculty
136	Civil Engineering	DR. SALUNKHE PRIYANKA VIJAY	Associate Professor	Selected
137	Civil Engineering	MAGHRABI JAMALUDDIN SHAHALI	Assistant Professor	Consolidated
138	Civil Engineering	VAISHALI KISHAN	Assistant Professor	Selected
139	Civil Engineering	KAWALE AGARCHAND JANGALRAO	Assistant Professor	Temp. Continues
140	Civil Engineering	TANDEKAR RITESH RAMESH	Assistant Professor	Consolidated
141	Civil Engineering	BAVISKAR SONALI VIKRANT	Assistant Professor	Consolidated
142	Civil Engineering	SONAWANE PRADEEP BARKU	Assistant Professor	Consolidated
143	Civil Engineering	GANGANI DHARMESH RAJESH	Assistant Professor	Consolidated
144	Civil Engineering	PATIL POONAM PIYUSH	Assistant Professor	Consolidated
145	B. Design.	DR. KAMBLE SACHIN KAMALAKAR	Professor	Consolidated
146	B. Design.	GAWANDE PRAVIN RAMDAS	Assistant Professor	Consolidated
147	B. Design.	RIK BHATTACHARJEE	Adjunct Faculty	Adjunct Faculty

Ratio :

Faculty : Student Ration	Permanent Faculty : Student Ration
01:20 (for UG)	01: 32
01:15 (for PG)	01:04

8. Profile of Principal and Faculty :

<https://ternaengg.ac.in/departments/>

i	Name of the Faculty (Dr/Shri/Mrs/Ms Title-name-medal name-surname)											I-card size resented photograph	
ii	Designation												
iii	Date of Birth (DD/MM/YY)												
iv	Department												
v	Date of Joining in Institute												
vi	Unique Id												
vii	Educational Qualifications	BE / B Tech			ME / M Tech			Ph.D			Others		
		Percentage %			Percentage %						Percentage %		
viii	Work Experience in No of years	Teaching			Research			Industry			Others		
vii	Area of Specialization												
viii	Courses taught at Under Graduate / Post Graduate level	Under Graduate (UG)	1. 2. 3.			Post Graduate (PG)	1. 2. 3.						
ix	Research Guidance	Field :					University :						
x	No of papers published in National	No of papers published in International Journals			No of papers published in Conferences			Master			Ph. D		
xi	Project Carried out												
xii	Patents												
xiii	Technology Transfer												
xiv	Research Publications												
xv	No of Books published with details												
xvi	Grants fetched: Amount (Rs)	Principal Investigator: --					Co-investigator: --						
xvii	Details of Interaction with Professional Institutions												

9. Fees

Details of fee, as approved by State Fee Committee, for the Institution	Tuition fees of	Rs. 106196/-
	Development fees of	Rs. 24759/-
	Total fees of	Rs. 130955/-
Time schedule for payment of fee for the entire programme	Till the cut of date as stipulated by the Director Technical Education/ Govt. of Maharashtra.	
No of Fees waivers granted with amount and name of students	NIL, But facility of Payment of fees in instalment is giving to students.	
Number of scholarship offered by the Institution, duration and amount	NIL, But the facility of scholarship, freeship, etc given by Govt of Maharashtra is made available to Reserved Category students.	
Criteria for fee waivers / scholarship	NIL	

(10) Admission

Number of seats sanctioned with the year of approval

Sr No	Name of the programmes	Sanction Intake	Year of Approval
1	Electronics Engineering	60	1991-92
2	Electronics and Telecommunication Engineering	120	1991-92
3	Computer Engineering	180	1991-92
4	Information Technology Engineering	60	2002-232
5	Mechanical Engineering	120	2014-15
6	Mechatronics Engineering	60	2014-15
7	Civil Engineering	60	2017-18
8	Artificial Intelligent (AI) Data Science	60	2021-22
9	Design	30	2022-23
10	Industrial Design	30	2022-23
11	ME –Electronics Engineering	9	2010-11
12	ME - Electronics and Telecommunication Engineering	18	2004-05
13	ME -Computer Engineering	18	2010-11
14	ME - Information Technology Engineering	18	2011-12
Total Intake		843	

Number of students admitted under various categories each year in the last three years

Sr No.	Under Graduate (UG)	2019-20	2020-21	2021-22	Post Graduate (PG)	2019-20	2020-21	2021-22
1	SC	268	300	318	SC	03	03	03
2	ST	45	52	53	ST	0	--	--
3	VJNT	159	154	179	VJNT	01	--	--
4	SBC	40	57	63	SBC	0	--	--
5	OBC	387	463	440	OBC	02	02	02
6	SEBC	52	33	41	SEBC	0	--	--
7	Open	1137	1318	1341	Open	22	25	28
Total		2088	2377	2435	Total	28	30	33

Number of applications received during last two years for admission under Management Quota and number admitted

Sr No	Particulars	Academic Year 2019-2020	Academic Year 2020-21	Academic Year 2021-22
1	No of application received	140	138	133
2	No of admitted students	140	128	126

11. Admission Procedure

Mention the admission test being followed, name and address of the Test Agency and its URL (website)	1) MH-CET : Entrance test conducted by DTE, Mumbai, Govt of Maharashtra, State Common Entrance Test Cell, Maharashtra State Mumbai (Website – www.dte.org.in and www.mahacet.org)	
	2) AIEEE : --	
	3) JEE Main: Central Board of Secondary Education, New Delhi.	
	4) JEE Advance: Central Board of Secondary Education, New Delhi.	
Number of seats allotted to different Test Qualified candidate separately (AIEEE/CET (State conducted test University tests /CMAT / GPAT) Association conducted test)	1) MH-CET : 65% of sanctioned intake of each course	
	2) AIEEE, JEE Main & JEE Advance : 15% of sanctioned intake of each course	
	3) Institute level seats : 20% of sanctioned intake of each course	
Calendar for admission against Management / vacant seats	Last date of request for applications	13.11.2022
	Last date of submission of applications	15.11.2022
	Date for announcing final results	16.11.2022
	Release if admission list (main list and waiting list shall be announced on the same day)	17.11.2022
	Date for acceptance by the candidate (time given shall in no case be less than 15 days)	18.11.2022
	Last date for closing of admission	18.11.2022
	Starting of the Academic session	18.11.2022
	The waiting list shall be activated only on the expiry of date of main list	As per Govt / guidelines given in admission broucher
	The policy of refund of the fee, in case of withdrawal, shall be clearly notified	As per Govt / guidelines given in admission broucher

12. Criteria and Weightages for Admission

Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.

- 1) **CAP admission** : Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

2) Institute level and vacant seat admission:

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together.

Diploma holders who have passed the Diploma course in Engineering / Technology with minimum of 50 % marks and medium of instruction as English from Polytechnics affiliated to MSBTE or AICTE approved autonomous Polytechnics situate in or outside the Maharashtra state.

Mention the minimum level of acceptance, if any

Candidate should be an Indian National and should have passed the HSC (Std.XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry and Mathematics and Secured Minimum 150 marks out of 300 marks (minimum 45% marks i.e. 135 marks out of 300 marks in case of candidates of Backward class categories belonging to Maharashtra state only) in the PCM added together and Obtained non – Zero Score in Physics, Chemistry and Mathematics at MH – CET/AIEEE.

Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years (2019 to 2021))

Sr No	Name of the programmes	Cut-off levels of percentage and percentile score		
		2019-20	2020-21	2021-22
1	Electronics Engineering	9.86	66.44	61.27
2	Electronics and Telecommunication Engineering	81.55	87.63	82.93
3	Computer Engineering	95.11	97.31	95.63
4	Information Technology Engineering	90.46	93.09	89.09
5	Mechanical Engineering	89.40	72.57	68.99
6	Mechatronics Engineering	91.02	91.24	93.97
7	Civil Engineering	79.47	94.34	84.56
8	Artificial & Intellegent (AI) Data Science	-	-	93.49
9.	Computer Engineering (Second Shift)	92.15	90.70	-
10	Design	-	-	-
11	Industrial Design	-	-	-
12	ME- Electronics Engineering	52.79	6.33	-
13	ME - Electronics and Telecommunication Engineering	-	63.62	10.67
14	ME - Information Technology Engineeing	70.7	76.1	259
15	ME - Computer Engineering	18.33	69.67	15.05

Display marks scored in Test etc. and in aggregate for all candidates who were admitted

As per Institute merit list based on CET & JEE exam score.

13. List of Applicants

List of candidate whose applications have been received along with percentile / percentage score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats.

As per CET & JEE exam score.

14 Results of Admission under Management seats / vacant seats

Composition of selection team for admission under Management Quata with the brif profile of members (This information be made available in the public domain after the admission process is over)	As per Institute process
Score of the individual candidate admitted arragned in order or merit	As per CET & JEE exam score
No of candidate who have been offered admission	136
Waiting no of the candidate in order of merit to be operative from the last date of joining of the first list	00
No of the candidate who joined within the date, vacancy position in each category before operation of waiting list	00

15. Information of Infrastructure and Other Resources Available

Particulars	Nos.	Size / Capacity
Number of Class Rooms and size of each	32	66 Sqm
Number of Tutorial rooms and size of each	09	33 sqm
Number of Laboratories and size of each	62	66 sqm
Number of Drawing Halls with capacity of each	02	132 sqm
Number of Computer Centres with capacity of each	01	300 sqm
Central Examination Facility, Number of rooms and capacity of each	Adequate	Adequate
Barrier Free Built Environment for disabled and elderly persons	Adequate	Adequate
Occupancy Certificate	Yes	Yes
Fire and Safety Certificate	Yes	Yes
Hostel Facilities	03	72 Students.

a) Library Basic Information:

Carpet area of library (in m ²)	759.4 sq. meter
Reading space (in m ²)	400 sq. meter

Number of seats in reading space	208
Number of users (issue book) per day	100
Number of users (reading space) per day	200 students per day
Timings	Monday to Friday – 8.00am to 8.00pm 2nd and 4th Saturday - 8.00am to 8.00pm
Qualified Librarian	1
Number of library staff	5
Computerisation for search, indexing, issue/return	Yes
Library services on Internet/Intranet INDEST	Yes
Digital Library details	Yes – 16 Laptops for student use Online e-packages, scanned question papers, Book CD's, OPAC

b) Titles and volumes (available):

Number of titles – **7378**

Number of volumes – **35055**

	Number of new titles added	Number of new editions added	Number of new volumes added
CFY <i>m1</i> 2020-21	59	30	320
CFY 2021-22	152	60	591

c) Scholarly journal subscription at Institute level:

	CFY 2021-22	CFYm1 2020-21	CFYm2 2019-20
As soft copy	741 (IEEE- IEL – Journals 206, ASME - 31, ASCE - 37, Springer Nature - 467, Knimbus) + IEEE Proceedings - 23541	745 (IEEE ASPP - 224 , Springer – 458, ASME – 28 , ASCE - 35) + IEEE Proceedings - 19060	1020 (IEEE- Journals 505, ASME - 29, ASCE - 38, Springer Nature - 452, Knimbus & ASTM) + IEL – Standards, Proceedings and Conferences - 35134
As hard copy (J +M)	116	131	122

d) Library expenditure on books, magazines/journals, and miscellaneous content

Year	Expenditures				Comments, if any
	Books	Magazines/journals (for hard copy subscription)	Magazines/journals (for soft copy subscription)	Misc. Contents	
CFYm1 2020-21	384,720.00	347,509.00	2,091,896.00	--	--
CFY 2021-22	153,768.00	474,847.00	2,113,899.00	--	--

Laboratory and Workshop

List of Major Equipment / Facility in each Laboratory / Workshop

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
1	Information Technology	1) Apple Lab (42)	1. Apple mac 24 inch with 8core cpu , 8gb ram,256gb ssd, magic keyboard with touch id and magic mouse) 2. Apple ipad pro 11 inch 8 core cpu, 8gb ram 3. Apple macbook pro 16.2 inch, 10 core cpu and 10 core gpu, 16gb ram,512 gb 4. Apple iphone 12, 64gb, black 5. Apple macbook air 13.4 inch, 8 core cpu, 8 gb ram, 512 gb ssd 6. Apple ipad pro, 12.9 inch, 16gb ram ,8 core cpu
		2) Open Source (39)	1. Hp pro tower 400g9 desktop processor 12th gen intel(r) core(tm) i5-12500 3.00 ghz Ram 8.00 gb , 512 gb ssd

		Emerging technology (31)	1. hp pro tower 400g9 desktop processor 12th gen intel(r) core(tm) i5-12500 3.00 ghz ram 8.00 gb , 512 gb ssd
			2. DELL OPTIFLEX 3020, INTEL®, CORE TM, I3 4130 CPU, 500GB SSD, RAM 4GB, DDR3, MONITOR DELL, 18.5 WITH SCREEN FLAT
		Network and security (32)	3. Hp intel(r) core™ i5 7500 cpu@ 3.40 ghz , 4gb ram, 500 gb ssd with lcd monitor
		Infotech (34)	4. Hp intel(r) core™ i5 7500 cpu@ 3.40 ghz , 4gb ram, 500 gb ssd with lcd monitor
			5. HP PRO TOWER 400G9 DESKTOP Processor 12th Gen Intel(R) Core(TM) i5-12500 3.00 ghz RAM 8.00 GB , 512 GB SSD
DATA SCIENCE (40)	1. HP INTEL(R) CORE™ I5 7500 CPU@ 3.40 GHz , 4GB RAM, 500 GB SSD WITH LCD MONITOR		

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
2	Computer Engineering Department	Computer Program ming Lab	<ol style="list-style-type: none"> Nodes (PC Desktops's) - HP Prodesk 400 Intel Core i5 - 12500 , 12 th generation (6 cores/18 MB/12T/3.0GHz-65w) 8 GB DDR4 RAM, 512 GB 2280 NVMe SSD, 19" HP HDMI Monitor, Keyboard, mouse Chipset -Q670 BENQ DLP Projector with screen Switch - D-Link
		Computer Centre Lab.(228)	<ol style="list-style-type: none"> Nodes (PC Desktops's) - DELL OPTIPLEX- 3020, Intel Core i3 3.40GHz,DDR3 4 GB RAM, 500 GB HDD, Monitor, Keyboard, mouse Nodes (PC Desktop's) - HP RCTO 280 G3 PCI MT IND, Core i5, 3.40GHz, DDR4 4 GB RAM, 500 GB HDD, HP Color Monitor, Keyboard, mouse Node's:HP-280G3 Desktop, Intel Core i5 8500, 3.0 GHz, 6 Core, 8Gn. HDD 1TB, RAM 8GB DDR4, Win10 Pro 64Bit, USB Keyboard, USB Mouse, 18.5" Monitor. BENQ DLP Projector with screen Stabilizer-10 KVA D-Link 24 PORT Network Switch
		Graphics & Multimedia Lab (325)	<ol style="list-style-type: none"> Node's:HP-280G3 Desktop, Intel Core i5 8500, 3.0 GHz, 6 Core, 8Gn. HDD 1TB, RAM 8GB DDR4, Win10 Pro 64Bit, USB Keyboard, USB Mouse, 18.5" Monitor BENQ DLP Projector with screen D-Link Switch 24 Port 10/100 Mbps
		Software Development Lab. (326)	<ol style="list-style-type: none"> Node's:HP-280G3 Desktop, Intel Core i5 8500, 3.0 GHz, 6 Core, 8Gn. HDD 1TB, RAM 8GB DDR4, Win10 Pro 64Bit, USB Keyboard, USB Mouse, 18.5" Monitor. NODE'S - HP RCTO 280 G3 PCI MT INTEL CORE I5, 3.40GHz, DDR4, 4 GB RAM, 500 GB HDD, HP COLOR MONITOR, KEYBOARD, MOUSE BENQ DLP PROJECTOR WITH SCREEN D-LINK SWITCH 24 PORT 10/100 MBPS STABILIZER-10 KVA
		Computer Network Lab	<ol style="list-style-type: none"> Nodes (PC Desktops's) - DELL OPTIPLEX- 3020, Intel Core i3 3.40GHz,DDR3 4 GB RAM, 500 GB HDD, Monitor, Keyboard, mouse Nodes (PC Desktop's) - HP RCTO 280 G3 PCI MT IND, Core i5, 3.40GHz, DDR4 4 GB RAM, 500 GB HDD, HP Color Monitor, Keyboard, mouse

	5.
Lab No 330 Linux Lab	<ol style="list-style-type: none"> Nodes - (PC Desktops) - DELL OPTIPLEX- 800, Intel Core 2 Duo 2.93GHz, 4 GB RAM, 500 GB HDD, Monitor, Keyboard, mouse Switch - D-Link DES-1024 , 24 port 10/100 mbps.
Lab No 331 Advanced computing Lab	<ol style="list-style-type: none"> Switch –D-link 24 port, BENQ DLP Projector with screen HP Intel(R) Core(TM) i7-7700 CPU @ 3.60GHz 3.60 GHzProcessor, 500GB SATA HDD, 8.00 GB (7.90 GB usable) DDR4 RAM , HP USB Keyboard & USB Optical Scroll Mouse..
Lab No 332 System Lab	<ol style="list-style-type: none"> DellOptiplex,A0-780 Desktop Intell Core2 DuoE8400 Processor 2.93GHz,Intel Q45Express Chipset w/1ch10D0 160GB SATA HDD, 4GB DDR3 RAM Memory,1066MB SDRAM Dell USB Keyboard & USB Optical Scroll Mouse.. PC's - DELL OPTIPLEX- 3020, Intel Core i3 3.40GHz,DDR3 4 GB RAM, 500 GB HDD, Monitor, Keyboard, mouse Switch –D-link 24 port, 10 mbps, 10/100 mbps
Lab No 333 Computer Simulation Lab	<ol style="list-style-type: none"> PC's - HP RCTO 280 G3 PCI MT IND, Core i5, 3.40GHz, DDR4 4 GB RAM, 500 GB HDD, HP Color Monitor, Keyboard, mouse Desktop i5 model- HP prodesk 400 G9 MT Microtower PC Processor-i5-12500 12 th Gen (6cores/18MB/12T/3.0 GHz-65W Chipset -Q670 Ram- 8GB(1x8GB) DDR4 3200 NECC H/D -512 GB 2280 PCIe NVNe SSD Monitor Size- HP 204v 19.5'' HDMI Monitor, Mouse/Keyboard- HP 125BLK WRD Keyboard & Mouse
Lab No 336 Database Lab	<ol style="list-style-type: none"> Desktop i5 model- HP prodesk 400 G9 MT Microtower PC, Processor-i5-12500 12 th Gen (6cores/18MB/12T/3.0 GHz-65W, Chipset -Q670, Ram- 8GB(1x8GB) DDR4 3200 NECC,H/D -512 GB 2280 PCIe NVNe SSD, Monitor Size- HP 204v 19.5'' HDMI Monitor, Mouse/Keyboard- HP 125BLK WRD Keyboard & Mouse.

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
3	Electronics Engineering	Power Electronics	<p>EPSON EMP-S 5 LCD Projector</p> <p>Flow Measurement Vatex</p> <p>SCR Tones Chopper 24 VPM DC commutated Chopper</p> <p>SCR Series inverter</p> <p>SCR Parallel inverter</p> <p>DC drives-1HP 230v DC Shunt motor speed controller arm & field,V&I Display with overload</p> <p>AC drive V/F control 3PH,1HP,Induction motor</p>

			<p>Aplab 100Mhz Two channel DSO Model-D37100A</p> <p>3 phase half controller bridge recifier trainer kit (8519)</p>
		Electronic Devices & Circuits	<ol style="list-style-type: none"> 100 MHz 250 MS/S Mono Digital Storage Oscilloscope Test Bench Consister WS8 of D37200A
		Digital Integrated Circuits	<p>Linear IC tester Hand Leaper</p> <p>Digital Storage Oscillator APLAB.Model-D371000</p> <p>Test Bench Consister WS8 of D37200A,D37200A</p> <p>MSG20MDMM 5041,LQ63-HSN no90.31.80.00</p> <p>Sr.:HOO3WS80919002</p>
		Industrial Automation	<p>Stepper Motor</p> <p>Trainer unit 3.5 KG</p> <p>Torque motor</p> <p>AC Servoe Motor (SPEED Torque)</p> <p>Trainer unit</p>
		Microprocessor & Microcontroller	<p>Dell OptiPlex™ 3020 MT Desktop</p> <p>Arm-Cortex, wireless sensor network bluetooth, zigbee. GSM+GPS switching network, USB interface sensor,(humidity temperature distance motion light, audio, magnetic)compatible to linux & windows eclipse & ARM GCC,tool chin</p> <p>(1)ARM CORTEX-M3 BASED BOARD CD.SDCARD.LED.RELAY A AND USB-UART INTERFACE</p> <p>MSP430 F168 based board with LCD,wifi motor driver and USB - UATR Interface</p> <p>ARM BOARD WITH LCD VART USB.SDCARD</p> <p>LPC2148ARM PROCESSOR KIT WITH LCD.SDCARD.LED.DC.RELAY ABD USB-UART INTERFACE</p> <p>8051 BOARD WITH LCD .DC.MOTOR DRIVE AND UART</p> <p>PC BOARD WI-FI ZIGBEE.GSM.BIUETOOTH TRAINER</p> <p>3-DIGIT SEVEN SEGMENT DISPLAY</p> <p>LED MATIX</p> <p>DAC.8 BIT SINGLE SUPPLY OPERATION FULL MICROPROCESSOR INTERFACE</p> <p>DC MOTOR WITH DRIVE .150 RPM 12V DC.HEAVY DUTY GENRED MOTOR</p> <p>STEPPER MOTOR WITH DRIVE HOLDING TORQUE. 0.65KG-CM AT 0.6APER WINDING STEPPING ANGLE 1.8 DEGRESS STEP</p> <p>8-DIP SWITCHES</p> <p>4/4 KBD</p> <p>WI-FI</p> <p>BLUETOOTH</p>

		SENSOR BOARD HIMIDITY TEMPERATURE DISTANCE MOTION LIGHT AUTHO MAGNETIC 1)8255I.E.PERIWARE/03 WITH CONVERTOR CORD 1)8259I.E.PERIWARE/01 WITH CONVERTOR CORD
	Printed Circuit Board	1. Processor 3.10GHZ 6 MB 2. Mother board Q65 express chipset 3. Memory 4 GB DDRB 1333Mhz 4. HDD-500 GB SATA Harddrive 5. Optional Drive 16X Max DVD WriterR/W 6. Key Board std UIB Key Board 7. Mouse USB optional key board 8. LAN Card 10/100/1000 mbps N16 Integrational 9. Monitor 19'WXGATFT 10. Sound & Graphics Integrated intel hd graphics noInt SPK 11. 05 No 05 Dell Optiplex 790 DT.pc Intel core-i5

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
4	Mechanical Engineering	CAD LAB	Dell Precision T1700MT workstation
			HP Laser jet Pro M706n Printer
			PTC Creo university plus Bundle 3.0 (20 liscense
			ANSYS Academic mechanical and ANSYS Academic CFD
			ANSYS Academic research mechanical and ANSYS and ANSYS research CFD single license with 4 core HPC
			Beng Projector
			Solar Split AC 1.5 tonn
			335 W Poly Crystalline Solar Pannerl
		Mechanical Vibration & TOM Lab	Universal Vibration lab
			Static and dynamic balancing apparatus
			Whirling of shaft apparatus
			Rope brake dynamometer
			Universal governor apparatus
			Motorized gyroscope apparatus
		Refrigeration and Air Conditioning & Heat Transfer Lab	Heat Transfer Through Composite Wall App Model PHT 05 M/C No 167076
			Thermal Cond. Of Liquid App.Pht-04m/C No 167077
			Equipment For Calculating Effect Of Area On Heat Transfer, I.E. Our Heat Transfer Through Lagged Pipe App.PHT-06 M/C NO. 167078
			Stefan Boltzmann App. PHT 10 M/C 167079
			Heat Transfer From A Pin Fin App.PHT-07 M/C 167080
			Unsteady State Of HT Unit.PHT-15 M/C-167081
			Heat Pipe Demonstrator PHT-15 M/C 167082
			Heat Transfer In Forced Convection App. PHT 13 M/C NO. 167083
			Parallel/Counter Flow Heat Exchanger PHT 17 M/C 167084
			Shell & Tube Heat Exchanger PHT-19 M/C 167085
			Recirculating Air Conditioner
			Experimental Domestic Refrigerator Trainer
			Refrigerator Tutor with Condenser Fan Speed Control
Water Cooling Tower			
Experimental Window Air Conditioner			
Data logger			

Material Technology & MQE Lab	Slip Gauge set Metric 83 Pieces workshop Grade	
	Surface Plate 400 x400 mm	
	Magnetic V Block (100 x90x70)	
	Mechanical Comparator stand (95x90x150)	
	Dial Indicator	
	Go and No Go Gauge	
	Filler Gauge	
	Snap Gauge	
	Floating Carriage Micrometer	
	Thread Gauge	
	Screw Thread Micrometer(0-25)	
	Gear Tooth Vernier Caliper 50mm	
	Profile Projector 10 x20xRatary Screen dia300	
	Digital Vernier Caliper (0-150mm)	
	Sine Bar 11 mm	
	Monochromatic Light Apparatus	
	Trinocular Metallurgical Microscope	
	Trinocular Metallurgical Microscope With Computerized Camera Attachment.	
	Double Disc Polishing Machine	
	Standard Metallurgical Microstructure Set	
Jominy End Quench Hardness Test Apparatus		
Magnetic Particle Crack Detector (Dyeglo Make)		
Red Dye Penetrant Test Kit		
Digital Fatigue Testing Machine		
Fluid mechanics and Machinery lab	Metacentric height	
	Flow measurement by Venturimeter and Orificemeter	
	Flow measurement by Nozzlemeter	
	Pipe Friction apparatus	
	Losses in Pipe Fitting	
	Bernoulli's Theorem Experiment	
	Pelton Wheel Turbine test rig Pelton Wheel Turbine Test Rig with 5 HP Kirloskar Pump, 1Kw output, RPM Indicator etc	
	Francis Wheel Turbine test rig Francis Turbine Test Rig with 5 HP Kirloskar Pump, 1Kw output, RPM Indicator etc.	
	Centrifugal Pump(Cut section with electrical motor)	
	Reciprocating pump Test Rig(positive displacement pump)	
	Multistage Centrifugal Pump Test Rig(Constant speed)	
	Pump in series and parallel apparatus (Variable speed)	
I.C. Engine Lab	Petrol Engine Test Rig a) Engine- Maruti Omni Car Brand New Engine 4Stroke # cylinder Water cooled petrol Engine. b)Piston Displacement 80000 c)No. of Engine valve 06 d) Dynamometer –Hydraulic Dynamometer foot moved 7.5 hpSingle Phase AC rpm 3000 with accessories.	
	Study of physical Systems Sectional Working model of single cylinder 2 stroke Petrol Eng	
	Carburetor	
	Ignition system (4 wheeler)	
	Diesel Engine Test Rig Single Cylinder 5 HP 1500 RMP vertical cylinder water cooled Brake Dynamometer Kirlosakar make	
Strength of Material Lab	Rockwell cum Brinell Hardness Tester	
	Torsion Testing Machine	
	Impact testing Machine	
	Universal Testing Machine	

		Machine Shop	Lathe machine 4'×6"	
			Lathe machine 4'×6"	
			All Geared Lathe machine 5'×3"	
			Surface grinding machine	
			Band saw machine horizontal type	
			Power hacksaw hydraulic	
			Shaping machine	
			Milling machine	
			Milling machine	
			Redial drilling machine	
			Tool grinding machine(bench grinder)	
			Band saw machine horizontal type	

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
5	Mechatronics Engineering	C.N.C LAB (Computer Numeric Control LAB)	Jyoti Make CNC Vertical Machining Centre (Milling Machine)PX10(NVU) Jyoti Make CNC Turning Centre (Lathe Machine)DX200-3A Used Desktop PC DoNC Software
		Applied Hydraulics and Pneumatics Lab	SMC BASIC PNEUMATIC AND ELECTROPNEUMATIC TRAINING KIT ADVANCED CUSTOMIZED ELECTROHYDRAULIC TRAINER
		Instrumentation and Control lab	CVCT SET UP FOR CONTROL VALVE CHARACTERSTICS
		NI LabVIEW lab	HP Core i5 NI MyRIO 2 Sets LabVIEW Hardware Communication Teaching Bundle Automation Studio version 6.2 IFP package I/O Interface Box DC Motor Control Kit
		CAX Lab	Flashforge Guider II 3D Printer Pluto X drone HP 280 Intel Core I7 Desktop Graphic Cards

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
6	Civil Engineering	Concrete Technology	Concrete Impermeability Apparatus Ultrasonic Pulse Velocity Tester- CUTE-102 Compression Testing Machine, Pace rate controlled Concrete Test Hammer
		Applied Hydraulics	Kaplan Turbine Test Rig Multipurpose Tilting Flume
		Geotechnical Engineering	Consolidation Test Apparatus Triaxial Shear Test Apparatus Laboratory C.B.R Apparatus
		Surveying Engineering	Total Station Theodolite Dumpy Level Auto Level
		Transportaion Engineering	Los Angeles Abrasion Testing Machine Aggregate Impact Testing Machine Ductility Testing Apparatus

			Standard Tar Viscometer
		Environmental Engineering	Digital pH Meter Digital Turbidity Meter Digital Dissolved Oxygen Meter Hot Plate Oven COD Digester
		Strength of Mechanics	UTM
		Fluid Mechanics	Orifice and Mouthpiece Apparatus Notch Apparatus
		Software Application in Civil Engineering	Bentley Softwares (Free for Academic Use) Name of Labs Concrete Technology Applied Hydraulics Geotechnical Engineering Surveying Engineering Engineering Geology Transportation Engineering Environmental Engineering Software Application in Civil Engineering

Sr No	Department	Name of Laboratory	Name of Major Equipment / Facility
7	Electronics & Telecommunication	ADVANCE SIMMULATION	<ol style="list-style-type: none"> 500GB 7200 RPM 3.5 in EPSAT silver flag, wired keyboard, USB hardened mouse, HP 280G3 PCI MT 180w HE chasis 18.5 TFT , window 10 HOME 64 single language, 3/3/3 MT warranty A/ INA740ZFD8 matlab campus license(std.suit+32 module maots online training suit
		OFC AND MW LAB	VNA 14Ghz microwave Analyzer with option transmission. Optiwave photonics designs tools (software) 1. OPTISYSTEM version 15.0 2. OPTIFDTD version 13.01 RFL-DRT (Doppler Radar Trainer), RFL-PRSS Pulse Radar simulation software F-OL-M Fiber Optic Trainer Kit for plastic and glass fiber 1).F-OL- DUAL Dual wave length Fiber Optic laser source & Detector module 2) F-OL- PASSIVE Fiber Optic passive component module consisting of Coupler -1 no, Isolator-02 no, WDM-2 NO 3).F-OL- FIBER single mode Fiber Optic cable module consisting Aluminium casing of 100 mts & 1000 mts SMF cable INA sturdy Aluminium casing 4).Fiber optic Accessories like MMF optical patch chords, optical power meter, ST Adaptor, SC Adaptor etc. 1).F-OL- CD Chromatic Dispersion modul MICROWAVE BANCH 1.Klystron tube 2.Klystron mount 3.Klystron power supply 4. Solid state VSWR meter 5.Slotted section (lint) with universal probe carriage 6.Tunable probe with crystal Detector 7.variable Attenuator 8.Fixed Attenuator 9.Frequency meter (micrometer type) 10.Slide screw (S.S) Tuner 11.Matched Termination (Matched Load) 12.Wave Guide Detector Mount with Crystal Detector 13.Pyramidal Wave Guide Horn Antenna 14.Circulator (which can also be used as an isolator) 15.movable Short (Variable Short) 16.Fixed Short 17.Series Tee (E Plane Tee) 18.Shunt Tee (H Plane Tee) 19.Magic Tee (E Htee)

			<p>20.Phase Shifter 21.Wave Guide Stands 22.Reflector 23.BNC Cables 24.Multi Hole Directional Coupler 25.Manual 26.screw Driver ,Nut, Spaner 27.Fan in Built</p>
		<p>Microprocessor</p>	<p>Xpo-81μp kit with 16 x 4 LCD display</p> <p>Stepper motor 12Vdc motor with interface cord & motor monitor</p> <p>8253 study card ie periware/04</p> <p>8279 study card ie periware/05</p> <p>Stepper motor with dual motor stepper motor study card</p> <p>8257 ie periware</p> <p>Study card 8279 and 8253 interface with 8085</p> <p>Study card 8259 interface with 8085</p> <p>Study card 8257 interface with 8085</p> <p>nterface card with 8085 stepper motor card</p> <p>Basic trainer kit for learning ARM7 architecture using LPC 2148</p> <p>Software (SCARM –L IDE for ARM7 platform with USB cable)</p> <p>Interfacing device with 8086</p>

			<p>Development system for PIC6 microcontroller KIT-01</p> <p>Development system for PIC6 microcontroller KIT=02</p> <p>Cable set</p> <p>Ps2 keyboard for LCD kits</p> <p>Stepper motor</p> <p>MMC/SD interface board</p> <p>TR 2x16 LCD</p> <p>Graphics LCD TS 128X64 dots with touch panel</p> <p>Temperature sensor</p> <p>C compiler for PIC12,PIC16,PIC18</p> <p>Trainer kit with 16x2 LCD Display Main unit :-1405015 Power supply :-1405013 model – XPO-SMPS Key board SERIESA</p> <p>100mHz DSO</p> <p>HSN-84719000 advance 8086 microprocessor trainer kit with LCD display USB interface</p> <p>HSN-84719000 8051 micro controller based trainer kit with LCD display and ASCII keyboard USB port wooden case</p>
		<p>Basic Electronics Lab</p>	<p>SCIENTIFIC-INP2302</p> <p>SCIENTIFIC-INP2302</p> <p>SCIENTIFIC-INP2302</p> <p>SCIENTIFIC-INP2302</p> <p>SCIENTIFIC-INP2302</p> <p>APLAB-3706C</p> <p>APLAB-3706C</p> <p>APLAB-3706C</p> <p>APLAB-3706C</p> <p>APLAB-3706C</p> <p>APLAB-3706C</p> <p>APLAB-3706C</p> <p>ELECTROTRADE LINKS</p> <p>ELECTROTRADE</p>

			<p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p> <p>ELECTROTRADE</p> <p>LINKS</p>
		Communicati on Lab	<p>TDM-PCMT Trasmitter kit</p> <p>TDM-PCMT Trasmitter kit</p> <p>TDM-PCMT Receiver kit</p> <p>TDM-PCMT Receiver kit</p> <p>Deita Adaptive Mod-Demod.</p> <p>Balance Modulator kit</p> <p>Frequency Modulator kit</p> <p>PAM/PPM/PWM</p> <p>DSB-SSB AM Transmitter kit</p> <p>DSB-SSB AM Receiver kit</p> <p>Frequency Mod-De mod kit</p> <p>Data Formatig&carrier Tras. kit</p> <p>Data Reformatig&carrier Demod.</p> <p>Sampling & Reconstruction kit</p> <p>8-bit variable data generator</p> <p>8-bit variable data generator</p> <p>0-30V Dual Power Supply</p> <p>DMM</p> <p>Convolution encoder-decoder</p> <p>Encoder-decoder msk mod</p> <p>30 MHZ , CRO</p> <p>30 MHZ , CRO</p> <p>30 MHZ , CRO</p>
		Computer Lab Equipments	<ol style="list-style-type: none"> 1. Hp Srever IC 2110 Intel P IV 1.7GHz Colocr Monitor Keyboard, 128MB SDRAM PS-2 Mouse with Pad, 20GHz SCSI Hard Disk 1.44 FDD 48 X CDROM Drive 10/100 NIC Startup CD5 tools for Server (P/CP 5894A) 2. Wipro desktop Comp. Intel Pentium IV 2.6 GHz, 400MHz, FSB, 512KB Cache Intel 18456V Chipest Mother Board 512MB DDR RAM
		DSP Lab	<ol style="list-style-type: none"> 1. p Srever IC 2110 Intel P IV 1.7GHz Colocr Monitor Keyboard, 128MB SDRAM PS-2 Mouse with Pad, 20GHz SCSI Hard Disk 1.44 FDD 48 X CDROM Drive 10/100 NIC Startup CD5 tools for Server (P/CP 5894A) 2. IBM Desktop Inter PIV 1.8GHz 3. with 15" IMB Colour Monitor, Keyboard, Mouse with Pad, 40

			<ol style="list-style-type: none"> 4. GHz HDD, Intel 845 GL chipset 5. 512 Kb Cache 128MB DDR 6. CDRAM 10/100 NIC, ATA 7. 100-7200 rprov RAM upto 8. 32MB, Integrated sound card 9. Wipro desktop Comp. Intel Pentium IV 2.6 GHz, 400MHz, FSB, 512KB Cache Intel 18456V Chipest Mother Board 512MB DDR RAM
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Internet Band width:- 300 MBPS

Innovation Cell

TEC has formed Institute Innovation council for start up- innovation activities. This council aims to support creating world class innovators and entrepreneurship along with graduation course of engineering. Through IIC our students as well as faculties are attending different online sessions and competitions like, SIH, National Innovation Contests, KAPILA -IPR and leadership program. We have registered and submitted more than 100 SIH problem solutions in 2019-20 and got shortlisted for 3 software solutions and 2 hardware solutions. We won one prize in final Hardware SIH 2019-20 which was conducted at IIT Hyderabad. We submitted around 11 Software + hardware solutions in SIH 2020. We have submitted two prototypes in National Innovation Contest 2020 and got selected for mentoring from expert assigned by MIC. With Innovation spirit we have arranged online (Covid 19) webinar series and online start up competition in May – June 2020.

Also we are providing incubation facilities with the state of the art physical infrastructure, in terms of capital equipments and operating facilities made available to their start-ups, coupled with the availability of sectoral experts for mentoring. Apart from this, business planning support, access to seed capital, industry partnerships, training and other relevant components required for supporting innovative start-ups will be provided. With this we achieved one successful start-up turned in registered company before completion of graduation in 2020-21.

<https://ternaengg.ac.in/facilities/ti-innovation-centre/>

Social Media Cell

Media is a gift of technology that provides us with the medium for mass communication. Communication tools used to store and deliver information or data. Social media plays an important role in every student’s life. It is easier and convenient to access information, provide information and communicate via social media. Teachers and students are connected to each other and can make good use of these platforms. Platforms like Facebook, LinkedIn, Instagram, YouTube and Twitter are used by almost everyone. Print Media includes newspapers, weeklies, magazines, blogs, banners, graphics, posters and other forms of printed material. In order to effectively make of use of media, it has been decided to publicize our College events through social and print media

List of facilities available

<https://ternaengg.ac.in/departments/>

To upload the respective short video (1-2 min) of Infrastructure and facilities available w.r.t. the courses in the website.

<https://ternaengg.ac.in/>

List of facilities available

Games and Sports facilities	<p>Gymkhana organizes following events every year:</p> <ol style="list-style-type: none"> 1. Annual Social gathering event ‘Resonance’: Every year, the institute organizes an Annual Social Gathering and Excellence Award Ceremony ‘Resonance’. The students whose performance are excellent in various activities like academic, co-curricular, cultural and sports are awarded with trophy and certificate during the ceremony. During the function the cultural students organize the variety entertainment programe. 2. “Sportec”: The Institute organizes Inter Collegiate sports and cultural fest for aspirants assembling from various engineering colleges with a high competitive spirit to participate with strong determination to include their achievements & accomplishments. Institute conducts an Inter – Collegiate Sports and Cultural Competition at every year named “Sportec” (A Blend of Cultural and Sports events).
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Soft Skill Development Facilities	<p>Soft Skill Development Facilities :</p> <p>Soft skill development programme is a programme for overall development of the students, creating skills necessary for enhancing employability as well as entrepreneurial abilities of students. The programme covers lectures , work-shops and demonstrations by experts. Therefore, well known personalities from various fields are invited to share their experiences and success stories. This motivates students for their overall development. Hence, every year college organizes seminars/workshops on soft skills development for the Third Year Students of Arts, Science and Commerce faculty. The Soft Skill Development Programme covers the following aspects:</p> <ul style="list-style-type: none"> • Personality Development/ Soft Skill Development • Interview skills and techniques. • Stress management. • Meditation • Goal setting and time Management. • Leadership Development. • Communication skills. • Presentation skills. • Computer Awareness. • Creative Thinking. • Physical fitness
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Teaching Learning Process

Curricula and syllabus for each of the programmes as approved by the University	Link : https://ternaengg.ac.in/departments/
Academic Calendar of the University	Link : https://ternaengg.ac.in/departments/
Academic Time Table with the name of the Faculty members handling the Course	Link : https://ternaengg.ac.in/departments/

16. Enrollment and Placement details of students in the last 3 years

<https://ternaengg.ac.in/placement/>

17. List of Research Projects/ Consultancy Works:-

1. Bricks & Bytes 1-13
2. Texas Instruments 14-29
3. Phi-Education 30-35
4. Nimap 36-40
5. Centre of Excellence in Maritime and Shipping CEMS 41-47
6. Prolific 48-50
7. Redhat 51-53
8. SMC Corporation Ltd.